CLAIMS:

1. A computer color-matching apparatus for paints comprising: (A) a colorimeter, (B) a micro-brilliance-feeling measuring device, and (C) a computer in which a plurality of paint blends, the color data and micro-brilliance-feeling data corresponding to each of the paint blends, and color characteristic data and micro-brilliance-feeling data of a plurality of full-color paints are entered and a color-matching-calculation logic using the paint blends and the data operates.

2. The computer color-matching apparatus according to claim 1, wherein color numbers corresponding to a plurality of paint blends entered in the computer (C) are entered in the computer.

3. The computer color-matching apparatus according to claim 1 or 2, wherein a colorimeter (A) is a multiangle colorimeter.

4. A computer color-matching method for brilliant paints of executing the following steps (1) to (3) by using a computer color-matching apparatus constituted of (A) a colorimeter, (B) a micro-brilliance-feeling measuring device, and (C) a computer in which a plurality of paint blends, color data and micro-brilliance-feeling data corresponding to each of the paint blends, and color characteristic data and micro-brilliance-feeling characteristic data of a plurality of full-color paints are entered and a color-matching-calculation logic using the paint blends and the data operates:

(1) a step of measuring a paint film of a reference color to which the color of a paint should be adjusted through color-matching by a colorimeter to obtain color data of the reference color;

(2) a step of measuring the paint film of a reference color to which the color of a paint should be adjusted through color-matching by a micro-brilliance-feeling measuring device to obtain micro-brilliance-feeling data of the reference color; and

(3) a step of comparing the color data and micro-brilliance-feeling data of the reference color with color data and micro-

brilliance-feeling data corresponding to paint blends previously entered in a computer, indexing the degree of matching of the color and micro-brilliance feeling of the entered paint blends, and selecting a prospective paint blend.

5. The computer color-matching method according to claim 4, further executing (4) a step of correcting a selected paint blend by a color-matching-calculation logic after the step (3) to obtain a corrected blend closer to a reference color.

6. The computer color-matching method according to claim 4 or 5, wherein the prospective paint blend obtained in step (3) or the corrected blend obtained in step (4) is transferred to an electronic balance.

7. A computer color-matching method of executing the following steps (5) to (7) by using a computer color-matching apparatus constituted of (A) a colorimeter, (B) a micro-brilliance-feeling measuring device, and (C) a computer in which a plurality of color numbers, paint blends corresponding to the color numbers, color data and micro-brilliance-feeling data corresponding to each of the paint blends, and color characteristic data and micro-brilliance-feeling data of a plurality of full-color paints, and color-matching-calculation logic using the paint blends and the data operates:

(5) a step of measuring a paint film of a reference color to which a paint color should be adjusted through color-matching by a colorimeter to obtain the color data of the reference color;

(6) a step of measuring the paint film of the reference color to which the paint color should be adjusted through color-matching by a micro-brilliance-feeling measuring device to obtain the micro-brilliance-feeling data of the reference color; and

(7) a step of selecting color data and micro-brilliance-feeling data of at least one paint blend having the same color number as the preset color number of the reference color, comparing the

color data and micro-brilliance-feeling data of the selected paint blend with the color data and micro-brilliance-feeling data of the reference color, indexing the degree of matching of the color and micro-brilliance feeling of the selected paint blend, and selecting a prospective paint blend.

8. The computer color-matching method according to claim 7, further executing (8) a step of correcting the selected prospective paint blend by a color-matching-calculation logic to obtain a corrected paint blend closer to the reference color.

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9. The computer color-matching method according to claim 7 or 8, wherein the prospective paint blend obtained in step (7) or the corrected blend obtained in step (8) is transferred to an electronic balance.

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